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NEWS 7 DEC 21 IPC search and display fields enhanced in CA/CAplus with the
IPC reform
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NEWS 11 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 12 JAN 17 IPC 8 in the WPI family of databases including WPIFV
NEWS 13 JAN 30 Saved answer limit increased
NEWS 14 JAN 31 Monthly current-awareness alert (SDI) frequency
added to TULSA
NEWS 15 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist
visualization results
NEWS 16 FEB 22 Status of current WO (PCT) information on STN
NEWS 17 FEB 22 The IPC thesaurus added to additional patent databases on STN
NEWS 18 FEB 22 Updates in EPFULL; IPC 8 enhancements added

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
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=> s (nanocrystal? or nanopartic?)
L1 126487 (NANOCRYSTAL? OR NANOPARTIC?)

=> s l1 and microfluid?
L2 268 L1 AND MICROFLUID?

=> s l1 and heat (8w) exchang?
L3 71 L1 AND HEAT (8W) EXCHANG?

=> s l3 and microfluid?
L4 1 L3 AND MICROFLUID?

=> display 14 1 ibib abs

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1 ANSWERS ARE AVAILABLE. SPECIFIED ANSWER NUMBER EXCEEDS ANSWER SET SIZE
The answer numbers requested are not in the answer set.
ENTER ANSWER NUMBER OR RANGE (1):1

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2004:740217 CAPLUS
DOCUMENT NUMBER: 141:262767
TITLE: Modules for microfluid-flow reactors for
manufacture of nanoparticle products
INVENTOR(S): Swinehart, Philip R.; Pollard, Kimberly; McGee,
Christopher
PATENT ASSIGNEE(S): Lake Shore Cryotronics Inc., USA
SOURCE: PCT Int. Appl., 96 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004076056	A2	20040910	WO 2004-US5942	20040226
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KR, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN,				

GQ, GW, ML, MR, NE, SN, TD, TG

US 2005129580

A1

20050616

US 2004-788967

20040226

PRIORITY APPLN. INFO.:

US 2003-449590P

P

20030226

AB Microfluidic reactor modules, especially for manufacture of nanocryst. materials in a continuous flow, includes one or more flow paths with mixing structures and one or more controlled heat exchangers to process nanocryst. materials and reagents in the flow path. The microfluidic modules, which can be interconnected to form microfluidic reactors, also include sensors for monitoring flow, such as sensors for particle size, pressure, flow, and reagent chemical composition, in which the sensor output is used as an input to a controller for open or closed loop control of the module. The method was used to prepare nanocryst. CdSe complexes with TOPO (trioctyl phosphine oxide) and TOP (trioctyl phosphine) for use in fabrication of semiconductor wafers.